

## ABSTRACT

[0056] A culture device to apply uniform stress to cells is proposed. A culture device is formed in a rectangular box shape from a deformable material, comprising a bottom membrane and side walls upstanding from the entire periphery of said bottom membrane, wherein an engaging member is formed in opposing side walls on a line extended from a peripheral edge of said bottom membrane. By providing the latching member in the culture membrane so as to latch the cells to the latching member, the slippage between the bottom membrane and sample cells is forestalled upon the extension of the culture membrane.